

Product datasheet

sHLA-B*27:01

B*2701, B2701, B*27, B27, B27



Serological Name	B27
Peptide Load	Endogenous
Modification	Unmodified
Conjugation	Unconjugated
SKU	B2701

Product Description

Allele Name	B*27:01 B2m
HLA Class	HLA Class I
HLA Gene Locus	HLA-B
Alternative Allele Name A Chain	B*2701, B2701, B*27, B27, B27
Alternative Allele Name B Chain	-

Description Recombinant, truncated Class I soluble Human Leukocyte Antigen (sHLA), naturally folded and glycosylated, loaded with endogenous peptides.

Serological Name	B27
Serological Split	-
Bw4/Bw6 Assignment	Bw4
Bw4/Bw6 Sequence	NLRTALR
Allele Frequency [World Population]	
A chain	0.1%
B chain	-

Associated products

[B2701bio](#)
[B2701pe](#)

Product Specification

Product name	HLA-B*27:01
HLA Species	Human
Host Cell Line Species	Human
Clone Designation	B4
Tail Specification	VLDL
Peptide Load	Endogenous
Modification	Unmodified
Conjugation	Unconjugated
Complexity	Monomer
Protein Format	Recombinant, truncated, soluble, non-modified, non-labeled, endogenously loaded
Storage Temperature	4 °C (This product should be stored undiluted)
Form	Liquid
Concentration	1000.0 µg/ml
Formulation	PBS/0.02% Sodium Azide
pH	7.4
Purification Method	Affinity Chromatography
Grade	Research Use Only [RUO]
Authentication Verification	Sequence Based Typing

Protein Sequences

Alpha Chain Sequence	GSHSMRYFHT SVSRPGRGEP RFITVGYVDD TLFVRFDSDA ASPREEPRAP WIEQEGPEYW DRETQICKAK AQTYRENLR T ALRYYNQSEA GSHTLQNMYG CDVGPDRLL RGYHQDAYDG KDYIALNEDL SSWTAADTAA QITQRKWEAA RVAEQLRAYL EGECVEWLR R YLENGKETLQ RADPPKTHVT HHPISDHEAT LRCWALGFYP AEITLTWQRD GEDQTQDTEL VETRPAGDR T FQKWAAVVVP SGEEQRYTCH VQHEGLPKPL TLRVSVSTDD DLA
Beta Chain Sequence	IQRTPKIQVY SRHPAENGKS NFLNCYVSGF HPSDIEVDLL KNGERIEKVE HSDLSFSKDW SFYLLYYTEF TPTEKDEYAC RVNHVTL SQP KIVKWRDRM

Related Products

[B2703](#)
[B2705](#)
[B0702](#)
[A0101](#)

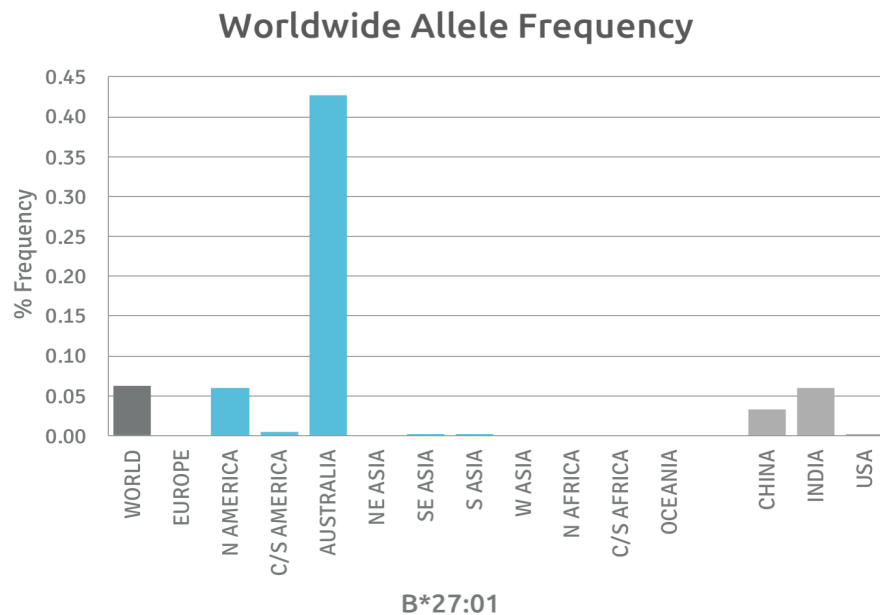
Applications

HLA Sandwich ELISAs
HLA Direct ELISAs
HLA-Sera Antibody Assays
HLA Controls in ELISA Assays
HLA Assay Standards
HLA Blocking Assays
HLA Neutralizing Assays
HLA Competition Assays
HLA Bead Assays
HLA Immunization Procedures

Recommended Antibodies

W6/32
Anti-B2m

Allele Frequency



Please note:

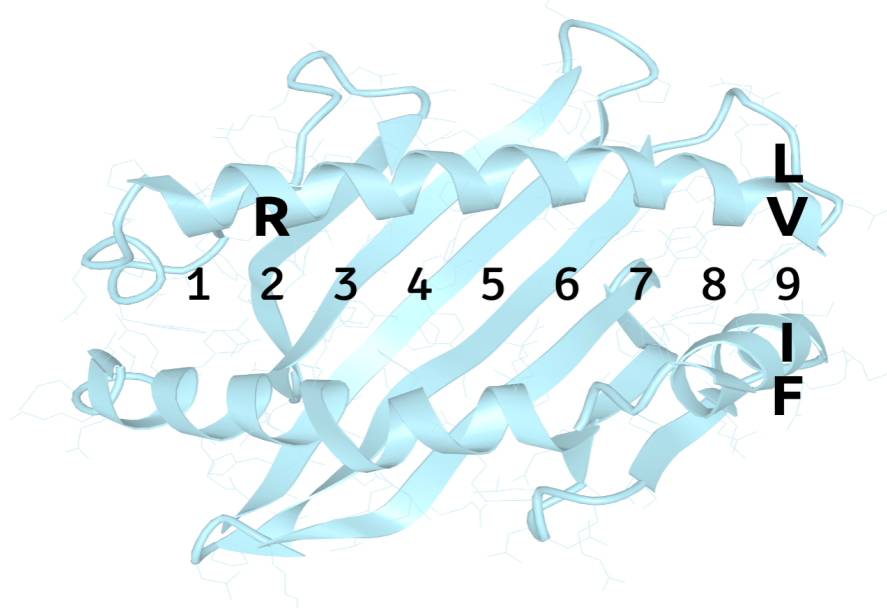
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 HLA Protein
PURE PROTEIN, LLC

Motif

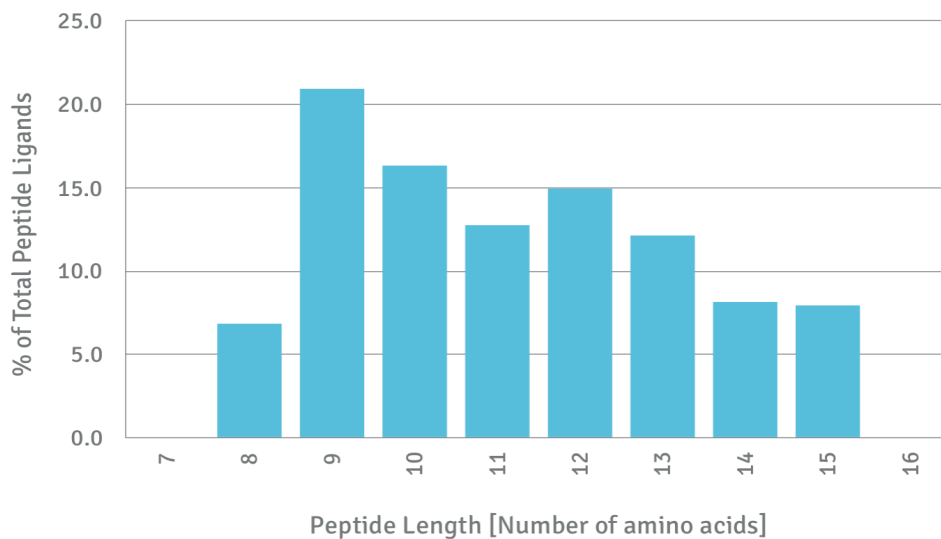
B*27:01 BINDING MOTIF



Length Distribution

HLA Length Distribution

B*27:01



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